

**Table C1-2
Chinle Site Standards
Based on 2003 Statistical Evaluation of Background
Homestake NPL Site
San Mateo Creek Basin Legacy Uranium Mines Site
Cibola & McKinley Counties, New Mexico**

Aquifer Zone	Constituent									
	(Concentrations in mg/L except Thorium-230 and Total Radium (226+228) in pCi/L)									
	Selenium	Uranium	Molybdenum	TDS	Sulfate	Chloride	Nitrate	Vanadium	Thorium-230	Total Radium (226+228)
Chinle Mixing	0.14	0.18	0.10	3,140	1,750	250	15	0.01	*	*
Upper Chinle Non-Mixing	0.06	0.09	0.10	2,010	914	412	*	0.01	*	*
Middle Chinle Non-Mixing	0.07	0.07	0.10	1,560	857	250	*	*	*	*
Lower Chinle Non-Mixing	0.32	0.03	0.10	4,140	2,000	634	*	*	*	*

*Background water quality analyses for constituent determined that site standard is not necessary.

Notes: mg/L = milligrams per liter; pCi/L = picocuries per liter

From 2016 Annual Monitoring Report/Performance Review for Homestake's Grants Project
Pursuant to NRC License SUA-1471 and Discharge Plan DP-200 (Table 3.3-1)